Philips
LCD Touch Information Kiosk

32 TOUCH POINTS

140 cm (55”)
multimedia Full HD

**BDT5530EK/32**

# More audience interaction

## with the multi user touch information kiosk 140 cm (55”) LED Display

Deliver vital information or marketing messages to your audience in startling clarity. And thanks to the interactive touch screen, you can also engage your customer much closer than ever before.

### Operational flexibility
- 32 Touch Points
- Infrared Touch
- Software Independent
- Kiosk height and angle for ergonomic use
- Storage space for PC in Kiosk

### Optimized for public viewing
- Slim bezel design for a stylish look

### Lower total cost of ownership
- Edge LED Backlight
- SmartPower for energy saving

### Sustainable and safe
- Temperature sensor measures the health condition
- Complies with RoHS standards to care for the environment

PHILIPS
sense and simplicity

# Highlights

### Infrared Touch
With an invisible infrared grid on the top of the screen, you can enjoy amazing accuracy and fast response times, even when touched by a finger, glove or stylus. And no "ghost points".

### 32 Touch Points
Enjoy amazing functionality with 32 touch points on this touch screen. More flexibility and optimum performance couple with excellent operability opportunities to give you the ultimate in user interaction.

### Information Kiosk
The Multi user Touch screen of this kiosk is placed in a 45 degree angle for ergonomic use. The colomn is lockable and has space for a powerfull PC.

### Edge LED Backlight
Experience an even dispersion of light with cutting edge LED technology. White LED's (light emitting diodes) are positioned around the rim of the panel to give a more even spread of light. This results in even lower power consumption, less heat to dissipate, and a true, uniform color range.

### SmartPower
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

### Compliant with RoHS standards
Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

### Temperature sensor
This Multi-user Touch Screen contains a temperature sensor to monitor the internal health condition. In case the internal temperature surpasses the preset threshold, automatically two internal fans will be activated to cool down the display to normal conditions.

### Slim bezel
A slim bezel design adds a stylish look to a public display to nicely blend in most environments.

### Software Independent
Our touch screens are software independent and work with most touch screen software commercially available, including Windows XP/7 and Mac OS, Omnitapps – BMT1909/00. Connect via USB to a PC or laptop.

MULTI USER TOUCH
Full HD 1080p DISPLAY
SmartPower
HDMI
dvi
Lead Free!

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140 cm (55") multimedia Full HD

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# Specifications

## Picture/Display

- Diagonal screen size: 54.6 inch / 138.6 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m²
- Contrast ratio (typical): 4000:1
- Response time (typical): 6.5 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.21 x 0.63 mm
- Display colors: 1.07 Billlion
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

## Supported Display Resolution

- *Computer formats*

| Resolution | Refresh rate |
|---|---|
| 640 x 480 | 60, 67, 72, 75Hz |
| 800 x 600 | 56, 60, 72, 75Hz |
| 1024 x 768 | 60Hz |
| 1280 x 768 | 60Hz |
| 1280 x 800 | 60Hz |
| 1360 x 768 | 60Hz |
| 1366 x 768 | 60Hz |
| 1440 x 900 | 60Hz |
| 1600 x 1200 | 60Hz |
| 1920 x 1080 | 60Hz |
| 1920 x 1200 | 60Hz |

- *Video formats*

| Resolution | Refresh rate |
|---|---|
| 480i | 60Hz |
| 480p | 60Hz |
| 576p | 50Hz |
| 576i | 50Hz |
| 720p | 50, 60Hz |
| 1080i | 50, 60Hz |
| 1080p | 50, 60Hz |

## Connectivity

- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1
- AV input: HDMI x1, Audio (L/R) x2, Compo site (BNC) x1, S-video x1
- Touch Screen: USB
- Other connections: Component RCA x1

## Convenience

- Placement: Landscape 45 degree
- Picture in picture: PIP
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Energy saving functions: Ambient light sensor, Smart Power
- Safety control functions: Heat Control, Temperature Sensor

## Dimensions

- Bezel thickness: 62,5 mm
- Set dimensions (W x H x D): 1350 x 1420 x 615 mm
- Product weight: 113 kg

## Operating conditions

- Temperature range (operation): 0 - 40 °C
- Relative humidity: 5 - 90 %
- MTBF: 60,000 hour(s)

## Power

- Mains power: 90 - 264 V/AC, 50/60Hz
- Standby power consumption: <1W

## Sound

- Built-in speakers: 2 x 12W RMS

## Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide, Touch Driver
- Optional accessories: Multi User Touch Software Omnitapps BMT1909/00

## Miscellaneous

- Bezel: Black 9005F13
- Warranty: Europe 2 years
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, FCC, Class B, CCC, RoHS, UL/cUL

## Packaging dimensions

- Packaging dimensions (W x H x D):
  1x Crate: 1370 x 930 x 310 mm
  1x Euro pallet: 1200 x 1300 x 800 mm
- Tare weight: 40 kg
- Number of products included: 1 (2 parts)

## Technical specifications

- 32 Touch points Simultaneously
- Infrared Touch Screen
- USB Connection
- 5 mm safety glass

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